

What is claimed is:

1. A wireless and hands-free earphone with a sound-absorbing function, comprising:
 - 5 an earphone with a wireless communication module therein;
 - a membrane sound capture device for receiving input of a sound wave;
 - a connecting line between the earphone and the membrane sound capture device; and
 - a sticking layer with the membrane sound capture device therein;
- 10 wherein the membrane sound capture device receives a user's sound wave and propagates sound by the wireless communication module of the earphone through the connecting line.
2. The wireless and hands-free earphone with a sound-absorbing function as in claim 1, wherein the wireless communication module is a bluetooth module.
- 15 3. The wireless and hands-free earphone with a sound-absorbing function as in claim 1, wherein a plurality of vent holes are defined on the membrane sound capture device.
- 20 4. The wireless and hands-free earphone with a sound-absorbing function as in claim 1, wherein an insertion hole is defined on the earphone and one end of the connecting line inserts into the insertion hole.